

U.S. Appl. No. 09/480,107

IN THE CLAIMS:

Please amend the claims as follows:

1. (Amended) A method of formatting an optical recording medium stored therein with location information of a supplementary spare area, the method comprising:

(a) resetting the stored location information of the supplementary spare area to a nullified state in response to a formatting request; and

(b) formatting the optical recording medium in response to the formatting request.

2. (Amended) A method of claim 1, further comprising: determining if a supplementary spare area has been assigned prior to said resetting step (a) and said formatting step (b), wherein said steps (a) and (b) are performed if a supplementary spare area has been assigned.

3. (Amended) A method of claim 1, wherein said resetting step (a) comprises converting the location information of the supplementary spare area to a predetermined value which indicates that the location information of the supplementary spare area has been reset to the nullified state.

U.S. Appl. No. 09/480,107

7. (Amended) A method of claim 1, wherein said formatting step (b) includes registering sectors judged to have defects into a new PDL (primary defect list), if the optical recording medium is to be formatted with certification.

8. (Amended) A method of claim 1, wherein said formatting step (b) includes registering all sectors previously registered in an old SDL (secondary defect list) into a new PDL (primary defect list) if the optical recording medium is to be formatted without certification.

9. (Amended) A method of claim 1, wherein the location information of the supplementary spare area is stored in a SDL (secondary defect list) block of a DMA (defect management area) of the optical recording medium.

Please add the following claims:

--10. A method of claim 9, wherein the location information includes start and end addresses of the supplementary spare area on the optical recording medium.--

--11. A method of claim 7, wherein said formatting step (b) further includes disposing an old SDL existed prior to said formatting step (b), if the optical recording medium is to be formatted with certification.--

U.S. Appl. No. 09/480,107

--12. A method of claim 1, wherein said formatting step (b) reformats the optical recording medium by moving defective sectors registered in a first list to a second list.--

--13. A method of claim 12, wherein the first list and second list are, respectively, an SDL (secondary defect list) and a PDL (primary defect list) for the optical recording medium.--

--14. A method of formatting a recording medium, the recording medium storing therein location information of a supplementary spare area, the method comprising:

receiving an instruction to format the recording medium;

resetting the location information stored on the recording medium in response to the instruction; and

transferring secondary defect information with a new PDL (primary defect list) to format the recording medium according to the instruction.--

--15. A method of claim 14, wherein the transferring step includes the step of:

registering sectors judged to have defects into the new PDL if the recording medium is to be formatted with certification.--

--16. A method of claim 15, wherein the transferring step further includes the step of:

U.S. Appl. No. 09/480,107

disposing an old SDL (secondary defect list) of the secondary defect information if the recording medium is to be formatted with certification.--

--17. A method of claim 14, wherein the transferring step includes the step of:

registering all sectors previously registered in an old SDL (secondary defect list) of the secondary defect information into the new PDL if the recording medium is to be formatted without certification.--

--18. A method of claim 14, wherein the location information of the supplementary spare area is stored in a SDL (secondary defect list) block of a DMA (defect management area) of the recording medium.--

--19. A method of claim 18, wherein the location information includes start and end addresses of the supplementary spare area on the recording medium.--

--20. A method of claim 14, wherein the resetting step includes the step of:

converting the location information of the supplementary spare area to a predetermined value that indicates that the location information of the supplementary spare area has been reset to a nullified state.--

--21. A method of claim 20, wherein the predetermined value is a lowest value, a highest value, or a predetermined code.--

U.S. Appl. No. 09/480,107

--22. A method of claim 14, wherein, after the receiving step, the resetting step is performed prior to the transferring step.--

--23. A method of claim 14, wherein, after the receiving step, the transferring step is performed prior to the resetting step.--